# ThinkStation® C20 (4265) - TopSeller (Windows 7) - February 2011

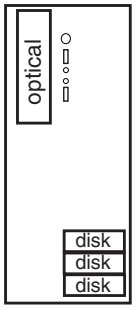
*Personal Systems Reference(PSREF)*

| Type-model | Slot x bay | Processor(s) | GHz | Core | Memory DIMMs | Disk(s) | Pre-conf RAID | SATA optical | Chassis intrusion switch | Graphics adapter(s) | Global | Win7 preload | Announce date (*mm/dd/yy*) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ✂ 4265-97U | 6x4 | 1xE5603 | 1.6 | 4 | 2x2GB | 1x500GB SATA | No | DVD±RW | Switch | 1xQuadro FX380 | No | Pro 64 | 02/15/11 |
| 4265-98U | 6x4 | 1xE5607 | 2.26 | 4 | 2x2GB | 1x500GB SATA | No | DVD±RW | Switch | 1xQuadro 600 | No | Pro 64 | 02/15/11 |
| 4265-99U | 6x4 | 1xE5645 | 2.40 | 6 | 2x2GB | 1x500GB SATA | No | DVD±RW | Switch | 1xNVS 450 | No | Pro 64 | 02/15/11 |

- *High performance workstation with smallest-possible form factor*
- *Environmentally friendly, cool, and quiet with rock solid engineering*
- *These small and medium business (SMB) models are part of the US TopSeller™ Program*
- *These systems are Microsoft Office 2010 Product Key Ready (O10PKR)*

| | |
|---|---|
| Processor(s) | **Intel® Xeon® Processor E5603** with **quad-core**, 4.8GT/s (giga-transfers/second) QPI (QuickPath Interconnect), Intel 64, Virtualization Technology, 1066MHz DDR3 memory controller, and 4MB cache<br>**Intel Xeon Processor E5607** with **quad-core**, 4.8GT/s (giga-transfers/second) QPI (QuickPath Interconnect), Intel 64, Virtualization Technology, 1066MHz DDR3 memory controller, and 8MB cache<br>**Intel Xeon Processor E5645** with **six-core**, 5.86GT/s (giga-transfers/second) QPI (QuickPath Interconnect), Intel 64, Virtualization Technology, 1333MHz DDR3 memory controller, and 12MB cache |
| Implementation | Two LGA1366 sockets, supports up to two processors |
| Memory | 24GB max, **UDIMM**, **PC3-10600 1333MHz DDR3**, **ECC**, 6-channel capable, six 240-pin DIMM sockets |
| Additional memory disclaimers | • Actual memory operating speed is the lowest installed speed, dependent on processor memory controller speed and installed memory speed<br>• Over three DIMMs requires dual processors |
| Graphics | *Some:* **NVIDIA® Quadro® NVS 450**, PCIe x16 adapter, 512MB, four DisplayPort™, 35W<br>*Some:* **NVIDIA Quadro FX 380**, PCIe x16 adapter, 256MB, two dual-link DVI-I, 35W<br>*Some:* **NVIDIA Quadro 600**, PCIe x16 adapter, 1GB, one DisplayPort, one dual-link DVI-I, 40W |
| Media reader | None |
| Optical | Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive |
| Hard drive(s) | 500GB, SATA 3.0Gb/s, 7200 rpm, 3.5" |
| Disk Controller | Serial ATA, SATA 3.0Gb/s, integrated in ICH10R, three SATA connectors for disks, one SATA connector for optical, RAID 0, 1, 5 support |
| Chipset | **Intel 5520 Chipset**, Intel ICH10R, Winbond® W83627DHG-P Super I/O |
| Front ports | Two USB 2.0, microphone (3.5mm), headphone (3.5mm) |
| Rear ports | Eight USB 2.0, eSATA, one ethernet (RJ-45), six analog audio ports (line-in, mic-in, front-out, rear-out, center/sub-out, side out), Optical SPDIF digital out, Optical SPDIF digital in |
| IEEE 1394 adptr | None |
| Audio | High Definition (HD) Audio, Analog Devices AD1988A codec |
| Speaker | Internal speaker for business audio |
| Ethernet | One gigabit ethernet on planar, Broadcom® BCM5755 |
| Security chip | Broadcom Trusted Platform Module, TCG 1.2-compliant |
| Keyboard | Preferred Pro USB Keyboard (USB connector), 104-key, black |
| Mouse | Optical Wheel Mouse (USB connector), black |
| Power supply | 800 watts with 80mm side-mounted variable speed fan, universal, **Climate Savers® Computing Gold**, **80 PLUS® Gold** qualified |
| ThinkVantage® | Supports ThinkVantage technologies |
| Limited Warranty | 3-year parts and labor, Customer Replaceable Unit (CRU) parts only (More ThinkPlus® services are available on S-TS sheet) |
| Preload OS | Genuine Windows® 7 Professional 64 |
| Preloaded applications | • Rescue and Recovery®<br>• ThinkVantage System Update<br>• ThinkVantage Toolbox<br>• Norton® Internet Security (30 days of virus definitions)<br>• Adobe® Reader®<br>• Adobe Flash® Player<br>• Microsoft® Office 2010 preloaded; purchase product key to activate<br>• Roxio® Creator® Business Edition (DVD±RW model(s) only)<br>• Roxio MyDVD® (DVD±RW model(s) only)<br>• Corel® WinDVD® (DVD or DVD±RW model(s) only)<br>• Ulead® DVD MovieFactory® (Blu-ray model(s) only) |

**Tower**




- Rack-mountable to 3U
- Raven black color; metal case
- 5.1"W x 17.5"D x 16.8"H
- 130mm W x 444mm D x 427mm H
- 40.7 lb (18.5kg) max configuration
- 24-liter
- Toolless side cover removal
- Toolless disk and optical drive removal
- Toolless adapter retention
- Illuminated front icons
- Rack shelf support or optional rail kit

Bay 1: 5.25", 1.6" high, external, std optical
Bay 2: 3.5", 1" high, internal, std disk
Bay 3: 3.5", 1" high, internal, opt disk
Bay 4: 3.5", 1" high, internal, opt disk

Slot 1: half-length, full-height, PCIe x1
Slot 2: full-length, full-height, PCIe 2.0 x16 (75W* max)
Slot 3: full-length, full-height, 32-bit PCI 2.3
Slot 4: full-length, full-height, PCIe 2.0 x16 (75W* max)
Slot 5: full-length, full-height, PCIe x16 (x4 electrical)
Slot 6: half-length, full-height, 32-bit PCI 2.3

* Adapters >75W use auxiliary power connector(s) from PSU

**SECURITY**

- Security chip (see information on left)
- Side cover lock (ships with two identical keys)
- Padlock loop (in rear for opt padlock)
- Security slot (in rear for optional Kensington® Microsaver® cable)
- Power-on password
- Administrator password
- Boot sequence control
- Boot without keyboard, mouse
- USB port disablement (front or all)
- *Chassis intrusion switch on selected model(s)*

GREENGUARD® certified
RoHS-compliant
EPEAT™ Gold rating

More compatible accessories, please see O-MAD sheet

See footnotes for important warranty information
US models announced February 15, 2011
✂ US model withdrawn effective June 2011

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